

Edward W. MERRILL et al.
RADIATION AND MELT TREATED ULTRA
HIGH MOLECULAR WEIGHT
POLYETHYLENE PROSTHETIC DEVICES
37697-0033

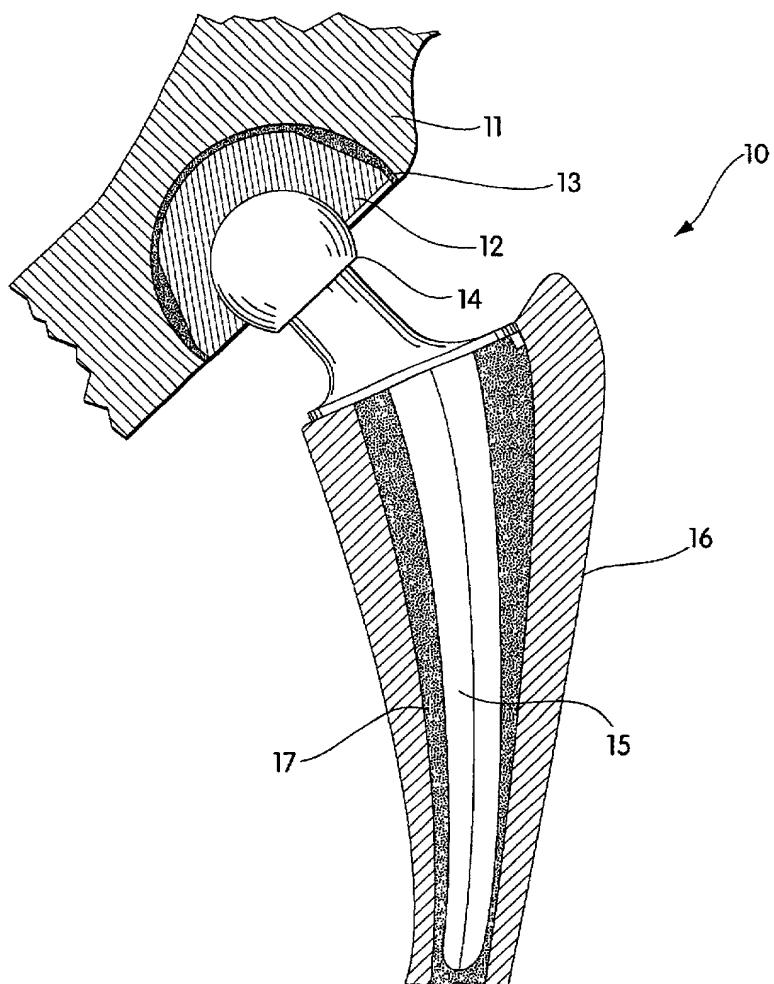


Fig. 1

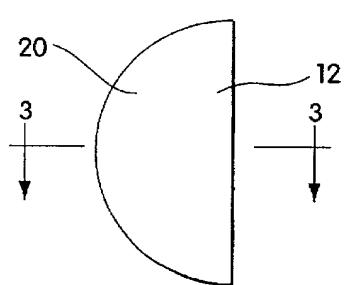


Fig. 2

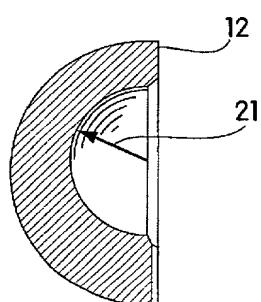


Fig. 3

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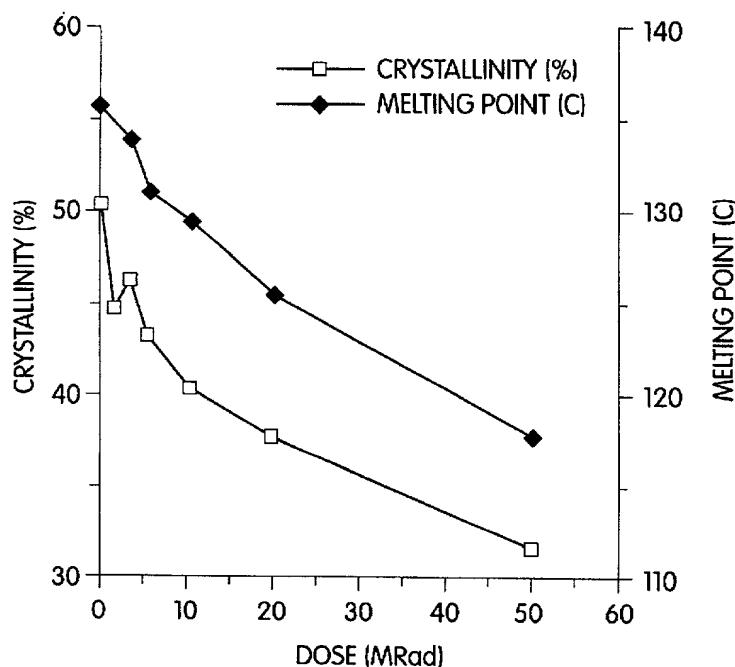


Fig. 4

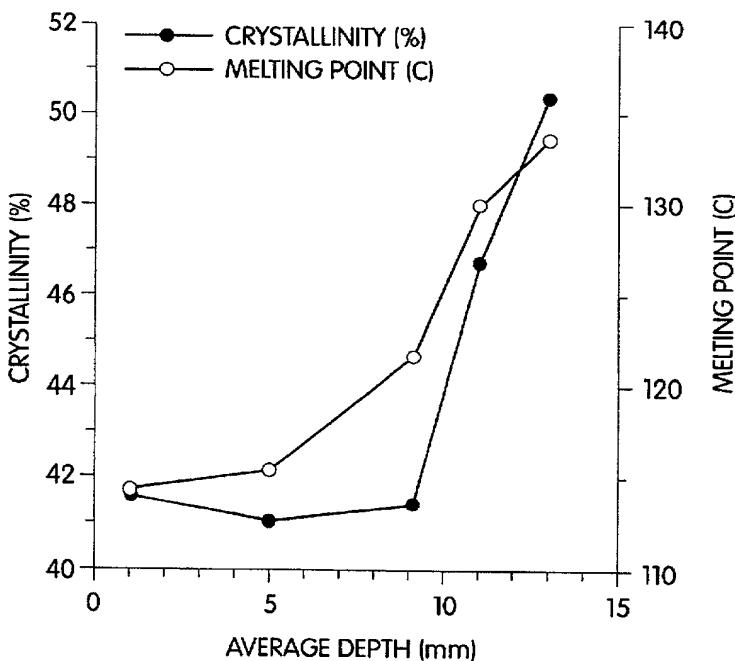


Fig. 7

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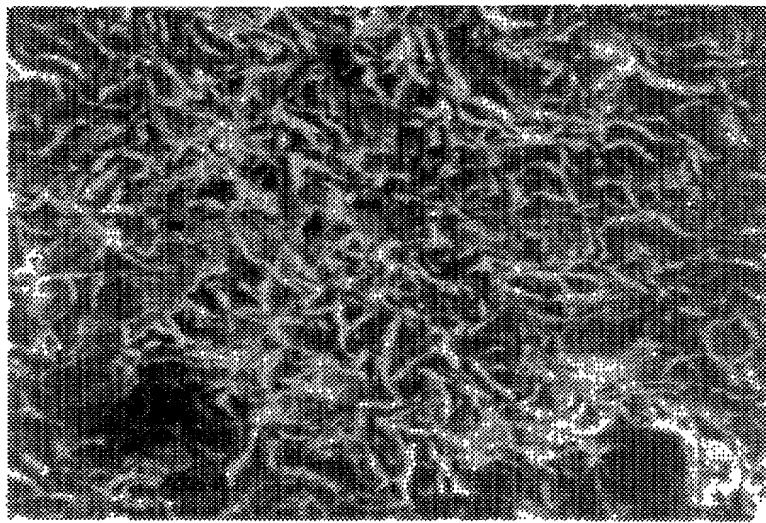


Fig. 5

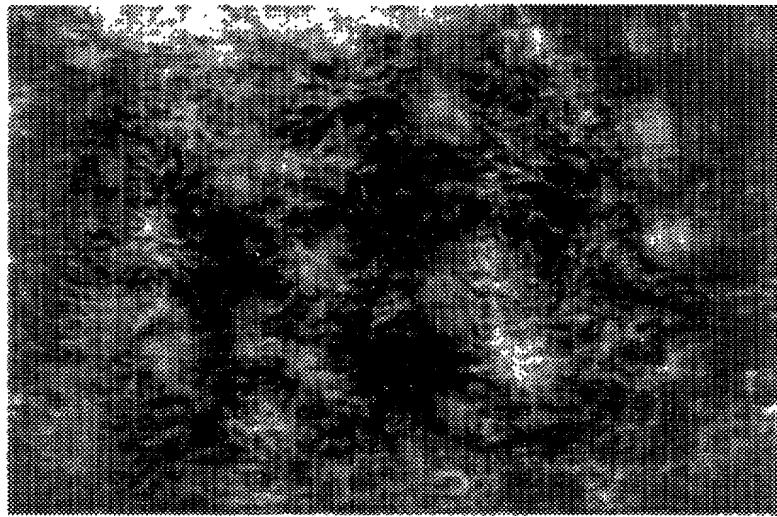
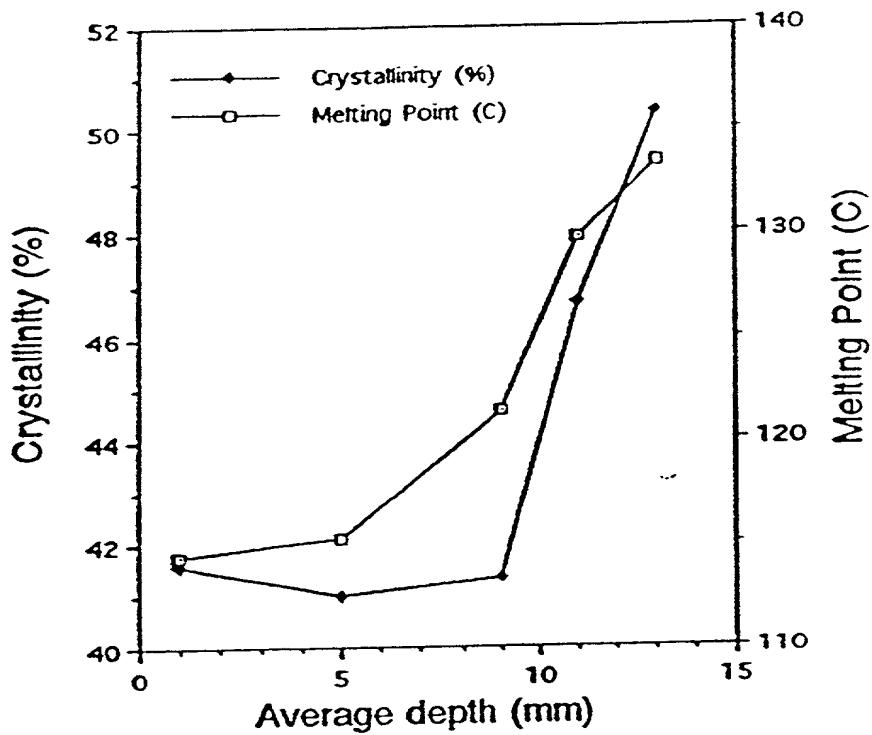
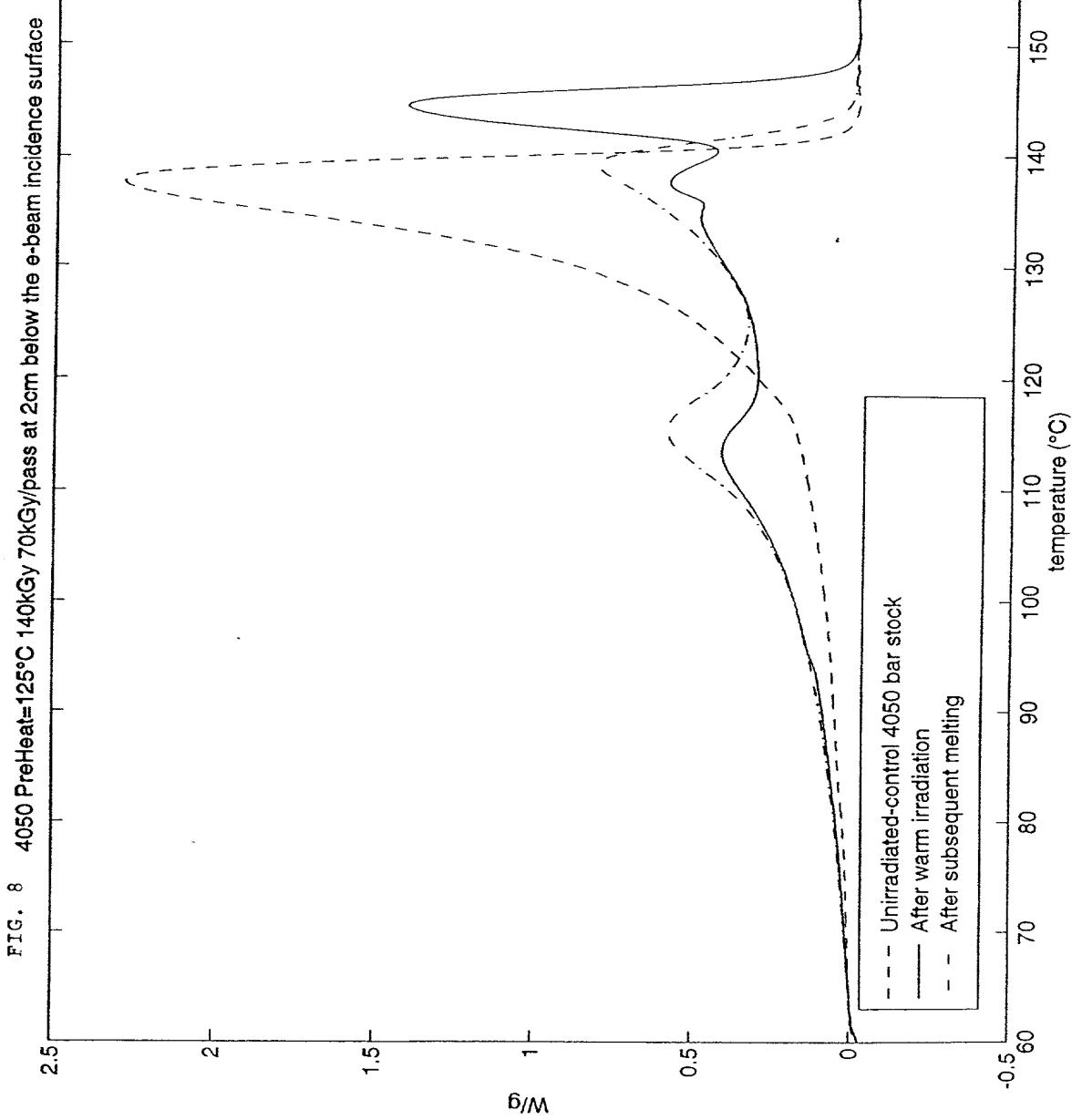


Fig. 6

FIG. 7



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FIG. 9 1050 PreHeat=125°C 150kGy 75kGy/pass at 2cm below the e-beam incidence surface

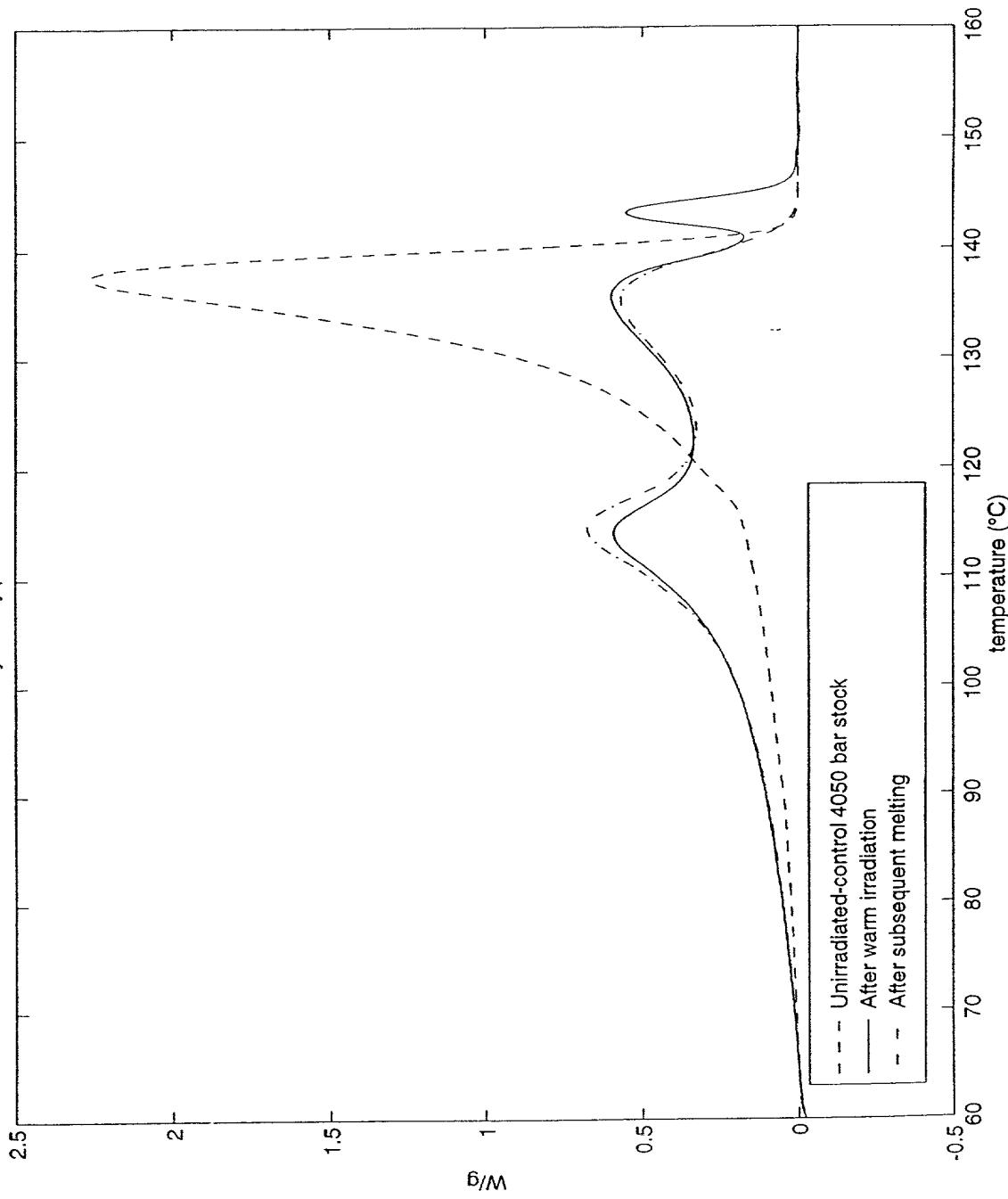


Figure 10: Adiabatic heating of UHMWPE treated by WIR-AM with a pre-heat temperature of 130°C

